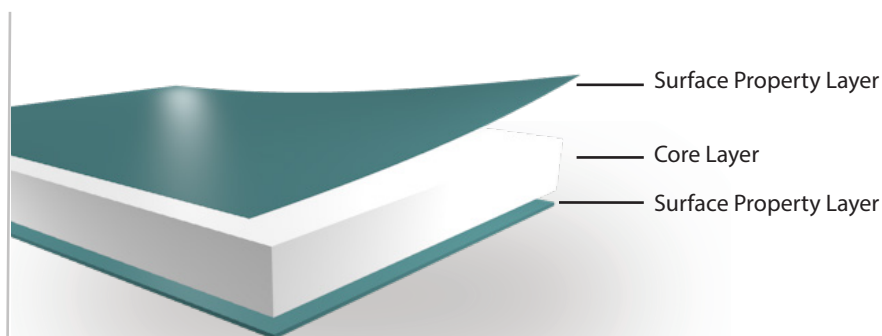


LUMIRROR[®] U8D

Applications

- Dry film photo-resist



Lumirror U8D

VERY CLEAR THREE LAYER
PET FILM DESIGNED FOR
DFR APPLICATIONS

Summary

U8D is a plain film with improved coefficient of friction (COF) and good handleability characteristics. This film is a balanced shrinkage polyester film designed specifically for dry film photo-resist applications.

Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES	
Thickness		-	0.0001"	64	73
Nominal Yield		-	in ² /lb	30,900	27,100
F-5	MD	ASTM D882	lb/in ²	15,900	16,200
	TD			15,200	16,100
Tensile Strength at Break	MD	ASTM D882	lb/in ²	41,000	42,000
	TD			37,000	38,700
Young's Modulus	MD	ASTM D882	lb/in ²	742,500	736,800
	TD			758,100	765,200
Elongation at Break	MD	ASTM D882	%	120	110
	TD			120	130
Heat Shrinkage (150°C for 30 minutes)	MD	ASTM D1204	%	2.1	1.9
	TD			1.8	2.1
Coefficient of Friction	A-side vs. B-side	ASTM D1894	μ_s	0.3	0.3
			μ_D	0.4	0.4
Haze (1 sheet)		ASTM 1003	%	2.1	2.0
Internal Haze		Toray Method	%	0.9	0.9
Surface Roughness Ra (outside surface)		DIN 4768	nm	18.0	18.0
Surface Roughness Ra (inside surface)		DIN 4768	nm	18.0	18.0

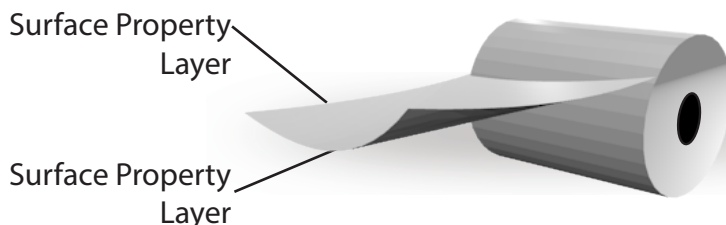
Key Features

- Co-extruded three layer structure allows for low internal haze, improved imaging and excellent handling

Similar Products

- TA3L
- F6L

Winding Direction



* These values do not constitute specific binding specifications

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